P Attorney Docket No. 5649-1145

PATENT

MAY 3 1 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Chang-Hyun Lee pplication No.: 10/640,082

Group Art Unit: 7917 Confirmation No.: 2827

Filed:

August 13, 2003

Examiner: Tan Nguyen

For:

METHODS OF PROGRAMMING NON-VOLATILE SEMICONDUCTOR

MEMORY DEVICES INCLUDING COUPLING VOLTAGES AND RELATED DEVICES

Date: May 18, 2005

MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an AMENDMENT in the above-identified patent application. Applicant claims small entity status. See 37 CFR §1.27. No additional fee is required. The fee has been calculated as shown below:

(COL. 1)		(COL. 2)	(COL. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amendment	Highest Number Previously Paid For	Present Extra	RATE	ADDIT. FEE	<u>OR</u> RATE	ADDIT. FEE
Total	82	80	= 2	x 25=	\$	x 50=	\$ 100.00
Indep	9	9 .	= 0	x100=	\$	x200=	\$.00
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+180=	\$	+360=	\$
				Total Add. Fe	e \$	OR Total	\$ 100.00

If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior Amendment or the number of claims originally filed.

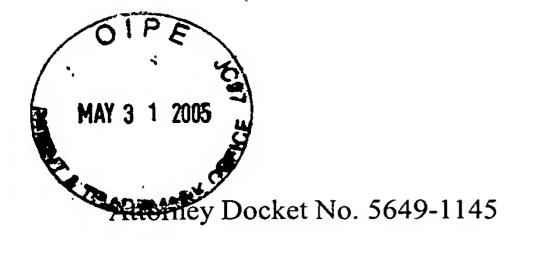
Applic	ney Docket No.: 5649-1145 cation No.: 10/640,082 August 13, 2003						
	Please charge my Deposit Account No. 50-0220 in the amount of \$ for						
\boxtimes	A check in the amount \$100.00 to cover additional claims is enclosed.						
\boxtimes	The Commissioner is hereby authorized to charge the appropriate fees associated with this communication or credit any overpayment to Deposit Account No. 50-0220.						
	Respectfully submitted,						
	Scott C. Hatfield Registration No. 38 176						

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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450, on May 18, 2005.

Joyce Paoli



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application: Chang-Hyun Lee

Conf. No.: 7917

Application No.: 10/640,082

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For: METHODS OF PROGRAMMING NON-VOLATILE SEMICONDUCTOR

MEMORY DEVICES INCLUDING COUPLING VOLTAGES AND RELATED

DEVICES

Date: May 18, 2005

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO OFFICE ACTION DATED MARCH 17, 2005

Sir:

Responsive to the Office Action dated March 17, 2005, please amend the aboveidentified application as shown.

If any extension of time for the accompanying response or submission is required, Applicant requests that this be considered a petition therefor. The Commissioner is hereby authorized to charge any additional fee, which may be required, or credit any refund, to our Deposit Account No. 50-0220.

Amendments to the claims are reflected in the listing of the claims, which begins on page 2 of this paper.

Remarks begin on page 20 of this paper.

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